

5 **What is claimed is:**

1. A driving apparatus including a power supply (104) , a controlling IC, flash
members (100a, 100b, 100c, 100d, 100e) , and a switch module is characterized by that the
10 said switch (112) connected with the triggering pin TG of the controlling IC is provided with
two or more contacts (109,111), and a condition recognizer that will switch into conduction
or cutoff according to a given condition is connected between the switch (112) and the
triggering pin TG.

2. A flash driving apparatus according to Claim 1, characterized by that the said
15 condition recognizer includes a NAND gate (113), the output of gate (113) is connected to the
triggering pin TG of the controlling IC, the pin of the comparator end (101) of gate (113) is
connected to a contact (111) of the switch (112), and is connected to ground or to the negative
electrode of the power supply, another pin (102) of the comparator end of the NAND gate
20 ~~(113) is connected to another contact (109) through a capacitor (108), two ends of the~~
capacitor are grounded or connected to the negative electrode of the power supply.

3. A flash driving apparatus according to Claim 1, characterized by that the said switch
(112) is an elastic one, including a spring (121), one end of the spring is fixed on the
conducting saddle (207) which is connected to the external circuit; at the free end of spring
25 (121) are fixed two or more conducting slabs (206,208) which constitute the contacts of the
switch (112), the conducting slabs (206,208) are connected to the external circuit.

4. A flash driving apparatus according to Claim 1, characterized by that the said switch
(112) is an elastic one, spring (203) are sleeved with two or more conducting rings (201,202),
30 which are laid around spring (203) and constitute two or more contacts of switch (112) and
are connected to external circuit.

5. A flash driving apparatus according to Claim 1, 2, 3 or 4, characterized by that the
35 said power supply is connected with a charging circuit.

6. A flash driving apparatus according to Claim 1, 2, 3 or 4, characterized by that two
said power supplies are provided: the first power supply (104) and the second power supply

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(V1); the first power supply (104) is connected through the controlling IC to the low voltage flash members (100a, 100b, 100c, 100d); the high voltage flash member (100e) is connected to the collector of triode (80) whose emitter is connected to second power supply (V1), whose base is connected to the first power supply (104) through a resistance-capacitance resistor (81), thus the flash members are provided with high voltage.

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7. A flash driving apparatus according to Claim 1, 2, 3 or 4, characterized by that a boost circuit is added at the place of the flash member of (100e).